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# United States Department of Agriculture

## MONTHLY LIST OF PUBLICATIONS

### APRIL 1940

Any five of the nontechnical publications listed herein unless indicated "For sale only," may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the Department's supply lasts. After this supply is exhausted, publications may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., by purchase at the prices stated herein. His office is not a part of the Department of Agriculture.

Free distribution of technical material and periodicals is restricted.

#### FARMER'S BULLETINS

Growing barley for malt and feed. H. V. Harlan and G. A. Wiebe, Bureau of Plant Industry. 18 p., illus. (F. B. 1732F., rev.) Price, 5¢.

Potato production in the Western States. W. C. Edmundson, Bureau of Plant Industry. 28 p., illus. (F. B. 1843F.) Price, 5¢.

#### LEAFLETS

Mealworms. R. T. Cotton, Bureau of Entomology and Plant Quarantine. 5 p., illus. (Leaf. 195L.) Price, 5¢.

#### TECHNICAL BULLETINS

Physiological studies of Jerusalem-artichoke tubers, with special reference to the rest period. Clarence E. Steinbauer, Bureau of Plant Industry. 52 p., illus. (T. B. 657T.) Price, 15¢.

Differences in growth characters and pathogenicity of fusarium wilt isolations tested on three tomato varieties. Frederick L. Wellman and Dorothy J. Blaisdell, Bureau of Plant Industry. 29 p., illus. (T. B. 705T.) Price, 5¢.

Investigations on the physical and chemical properties of beeswax. Charles S. Bisson and Walter B. Dye, University of California Agricultural Experiment Station; and George H. Vansell, Bureau of Entomology and Plant Quarantine. 24 p., illus. (T. B. 716T.) Price, 5¢.

Beef production and quality as affected by method of feeding supplements to steers on grass in the Appalachian region. W. H. Black and R. L. Hiner, Bureau of Animal Industry; L. B. Burk, Agricultural Marketing Service; Lucy M. Alexander, Bureau of Home Economics, and C. V. Wilson, West Virginia Agricultural Experiment Station. 32 p., illus. (T. B. 717T.) Price, 5¢.

A study of methods in barley breeding. H. V. Harlan, M. L. Martini and Harland Stevens, Bureau of Plant Industry. 26 p., illus. (T. B. 720T.) Price, 5¢.

*Paradexodes epilachnae*, a tachinid parasite of the Mexican bean beetle. B. J. Landis and N. F. Howard, Bureau of Entomology and Plant Quarantine. 32 p., illus. (T. B. 721T.) Price, 5¢.

Physical and chemical changes produced in bleached cotton duck by *Chaetomium globosum* and *Spirochaeta cytophaga*. Ruth Elmquist Rogers and Helen G. Wheeler, Bureau of Home Economics, and Harry Humfeld, Bureau of Plant Industry. 35 p., illus. (T. B. 726T.) Price, 10¢.

#### CIRCULARS

Some factors affecting survival, growth, and selection of lambs. Ralph W. Phillips and W. M. Dawson, Bureau of Animal Industry. 18 p. (Cir. 538C.) Price, 5¢.

Putting down and developing wells for irrigation. Carl Rohwer, Soil Conservation Service. 86 p., illus. (Cir. 546C.) Price, 15¢.

Seven new peaches and a new plum for the Western States. W. F. Wight, Bureau of Plant Industry. 23 p., illus. (Cir. 552C.) Price, 5¢.

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Honey and pollen plants of the United States. Everett Oertel, Bureau of Entomology and Plant Quarantine. 64 p., illus. (Cir. 554C.) Price, 10¢.

MISCELLANEOUS PUBLICATIONS

Family income and expenditures. Pacific region and Plains and Mountain region. Part I, family income. Day Monroe, Dorothy S. Martin, Margaret Perry, and Kathryn Cronister, Bureau of Home Economics, in cooperation with the Works Progress Administration. 276 p. (M. P. 356M.) Price, 30¢.

The cow tester's manual. J. F. Kendrick, Bureau of Dairy Industry. 36 p., illus. (M. P. 359M.) Price, 15¢. For sale only.

Rural population density in the Southern Appalachians. Francis J. Marschner, Bureau of Agricultural Economics. 18 p., illus. (M. P. 367M.) Price, 25¢.

A revision of the North American aphids of the genus *Myzus*. Preston W. Mason, Bureau of Entomology and Plant Quarantine. 31 p., illus. (M. P. 371M.) Price, 5¢.

SERVICE AND REGULATORY ANNOUNCEMENTS

Official United States standards for grades of veal and calf carcasses. Effective July 16, 1928. Agricultural Marketing Service. Service and regulatory announcements No. 114. (Originally issued as S. R. A.–B. A. E. 114). 7 p.[1]

Bureau of Animal Industry. Service and regulatory announcements. March 1940. Pp. 25–40. (S. R. A.–B. A. I. 395.) Price, 25¢ a year, 5¢ a copy.[2]

Modification of fruit and vegetable quarantine regulations. Quarantine No. 56. Revision of regulation 2. Effective February 27, 1940. Bureau of Entomology and Plant Quarantine. (B. E. P. Q.–Q 56.) 3 p.[1]

Bureau of Entomology and Plant Quarantine. Service and regulatory announcements. October–December 1939. Pp. 131–147. (S. R. A.–B. E. P. Q. No. 141.)[1]

Index to Notices of judgment 27001–28000 under the Food and Drugs Act. Food and Drug Administration. Pp. 469–507.[1]

Notices of judgment under the Caustic Poison Act. Food and Drug Administration. [2 p.] (N. J., C. P. 93–95).[1]

Notices of judgment under the Federal Food, Drug, and Cosmetic Act. Food and Drug Administration. Pp. 1–15. (C. N. J., F. D. C. 1–30.) Cosmetics.[1]

Notices of judgment under the Federal Food, Drug, and Cosmetic Act. Food and Drug Administration. Pp. 1–38. (F. N. J ., F. D. C. 1–150.) Foods.[1]

SOIL SURVEYS

New York, Otsego County. (No. 17, series 1934.) 64 p., illus. Price, 50¢.

Oklahoma, Major County. (No. 2, series 1936.) 71 p., illus. Price, 60¢.

Virginia, Albemarle County. (No. 14, series 1935.) 55 p., illus. Price, 40¢.

STATISTICAL BULLETINS

Forest products statistics of the Northeastern States. R. V. Reynolds and A. H. Pierson, Forest Service. 109 p., (S. B. 70S). Price, 15¢.

REPRINTS FROM 1939 YEARBOOK

1668. Human nutrition (with literature cited). Pp. 97–402; 1075–1142. Price, 40¢.
1716. Feeding dogs. Pp. 856–870. Price, 40¢.
1717. Nutrition of fur animals. Pp. 871–892. Price, 5¢.
1722. Nutritive value of miscellaneous feeds. Pp. 1017–1026. Price, 5¢.
1725. Composition of the principal feedstuffs used for livestock. Pp. 1065–1074. Price, 5¢.

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[1] These may be obtained from the issuing bureau.
[2] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

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| Farmers' Bulletins | Leaflets | Other publications |
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## OTHER PUBLICATIONS

County land use planning. Bureau of Agricultural Economics. 12 p. (County Planning Series No. 1.) Price, 5¢.

Erosion and related land use conditions on the Lake Michie watershed, near Durham, N. C. Irving L. Martin and Turner C. Bass, Soil Conservation Service. 19 p., illus. Price, 15¢. For sale only.

Erosion and related land use conditions on the Lloyd Shoals reservoir watershed, Georgia. P. H. Montgomery, Soil Conservation Service. 26 p., illus. Price, 35¢. For sale only.

Make—or buy a mattress. Folder. Illus.

## AGRICULTURAL ADJUSTMENT ADMINISTRATION

G–98. Western grass. 14 p., illus.[3]

## PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

Agricultural situation. Vol. 24, No. 4, April 1940. Price, 5¢ a copy; 50¢ a year, domestic; 70¢ a year, foreign.[2]

Crops and markets. Vol. 17, No. 3, March 1940. Price, 10¢ a copy; $1.00 a year, domestic; $1.50 a year, foreign.[2]

Daily weather maps. Limited editions. Not for general distribution.

Extension service review. Vol 11, No. 4, April 1940. Illus. Price, 10¢ a copy; 75¢ a year, domestic; $1.15 a year, foreign.[2]

Experiment station record. Vol. 82, No. 4, April 1940. Price, $1 per volume (2 volumes a year) consisting of 6 monthly numbers and index; $1.75 per volume, foreign. Single numbers for sale only. Price, 15¢.[2]

Fire control notes. Index, December 1936 to October 1939, inclusive; Vol. 4, No. 2, 1940. Price, 15¢ a copy; 50¢ a year, domestic.[2]

Journal of agricultural research. Price, $3.25 a year, domestic; $4.75 a year, foreign. Each issue, 15¢, domestic; 20¢, foreign. Separates, 5¢, domestic; 8¢, foreign.[2] Not distributed free to individuals.

Separates. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made. Others interested may purchase copies from the Superintendent of Documents, Washington, D. C., at 5¢ each. **The Office of Information has none for general distribution.**

A–192. (In Vol. 59, No. 7.) **Sporulation and viability of oöcysts of *Eimeria arloingi* from the domestic sheep.** John F. Christensen.

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[2] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

[3] These may be obtained free upon application to the Agricultural Adjustment Administration.

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G–1137. (In Vol. 59, No. 6.) **Host range studies with *Bacterium solanacearum*.** T. E. Smith.

G–1141. (In Vol. 59, No. 8.) **Physiological studies of lemons in storage.** Erston V. Miller and Harold A. Schomer.

G–1142. (In Vol. 59, No. 7.) **Knob positions on corn chromosomes.** A. E. Longley.

Ga.–14. (In Vol. 59, No. 7.) **Influence of boron on flower-bud development in cotton.** K. T. Holley and T. G. Dulin.

Ohio–27. (In Vol. 59, No. 8.) **Infection and reinfection experiments with Bang's disease.** B. H. Edgington and C. R. Donham.

N. Y. (Cornell)–44. (In Vol. 59, No. 7.) **Cation exchange properties of certain forest soils in the Adirondack section.** R. F. Chandler, Jr.

N. Dak.–17. (In Vol. 59, No. 6.) **Effectiveness of heat penetration in the canning of meat in the home by the pressure cooker.** Casper I. Nelson and Dorothy Berrigan.

Wis.–104. (In Vol. 59, No. 7.) **The nature of growth substance originating in crown gall tissue.** S. B. Locke, A. J. Riker, and B. M. Duggar.

Wis.–105. (In Vol. 59, No. 7.) **Production of growth substance on peptone broth by crown gall bacteria and related nongall-forming organisms.** S. B. Locke, A. J. Riker, and B. M. Duggar.

**Land policy review.** Vol. III, No. 2, March–April 1940. Price, 5¢ a copy; 25¢ a year, domestic.[2]

**Monthly weather review.** Vol. 68, No. 1, January; Supplement 39, April; Supplement 40, March 1940. Illus. Price, 20¢ a copy; $2.00 a year, domestic; $2.75 a year, foreign.[2] Not for general distribution.

**Rural electrification news.** Vol. 5, Nos. 6–8, February–April 1940. Price 10¢ a copy; 75¢ a year, domestic; $1.50 a year, foreign.[2]

**Soil conservation.** Vol. 5, No. 10, April 1940. Price, 10¢ a copy; $1 a year, domestic; $1.50 a year, foreign.[2]

**Weekly weather and crop bulletin.** Nos. 14–17, April 2–April 23, 1940. Price, 50¢, domestic; $1.50 a year, foreign.[2]

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[2] Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.

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